



CLEAR SEAL

CLEAR, NON-YELLOWING CONCRETE CURE & SEAL

DESCRIPTION

CLEAR SEAL is a clear concrete cure & seal formulated with acrylic resins. CLEAR SEAL is non-yellowing and is highly recommended for exterior use. CLEAR SEAL will darken and highlight the color of concrete, masonry, pavers, etc., giving these materials a “wet” look.

PRIMARY APPLICATIONS

- Stamped concrete
- Terrazzo
- Integrally-colored concrete
- Concrete pavers
- Acid-stained concrete
- Decorative concrete overlays

TECHNICAL INFORMATION

Typical Engineering Data

The following results were developed under laboratory conditions.

Drying time* at 73 °F (22.7 °C), 50% RH:.....	<1 hour	Alkali resistance 48-hour exposure.....	excellent
Recoat.....	4 to 24 hours	Solvent resistance.....	minimal
Foot traffic.....	4 to 6 hours	Resistance to yellowing from UV exposure...	excellent
Wheel traffic.....	6 to 10 hours	Solids content.....	>25%
VOC content.....	681 g/L	Moisture loss (ASTM C 156).....	<0.40 kg/m ²
Adhesion to concrete.....	excellent		

**Low concrete or air temperature and/or high relative humidity will extend drying time.*

PACKAGING

CLEAR SEAL is packaged in 1 gal (3.7 L) containers, 5 gal (18.9 L) pails, and 55 gal (208 L) drums.

SHELF LIFE

3 Years in original, unopened container

COVERAGE

First coat.....300 ft²/gal (7.3 m²/L)

Second coat.....400 ft²/gal (9.8 m²/L)

Coverage will vary from the above rates depending on surface porosity and texture.

SPECIFICATIONS/COMPLIANCES

- ASTM C 1315, Type 1, Class A
- ASTM C 309, Type 1, Class A & B
- USDA compliant

DIRECTIONS FOR USE

Surface Preparation: The concrete surface must be clean and free of puddled or standing water. CLEAR SEAL should not be applied over other curing compounds.

Preparation for existing concrete: All old paint, oil, grease and water-based sealers must be removed. Best results are achieved when applied to bare concrete.

Application: CLEAR SEAL requires no pre-blending and should be used directly from the container. Apply at a uniform coverage rate with an industrial, hand-held, pump-up or airless sprayer, or by roller. Plastic garden-type sprayers should not be used. If applying by roller, use a short, 3/8 in (9.5 mm) nap, solvent-resistant roller cover. Allow the first coat to dry tack-free before applying the second coat. Best performance and appearance is achieved with two coats, following the recommended coverage rates. For a slip-resistant surface, add SHUR GRIP to the final coat of sealer. If a low-gloss finish is desired, use MATTE ADD per directions. Thick applications of CLEAR SEAL, too many successive coats, or multiple coats over time can cause bubbling, whitening, peeling, and ultimate failure of the product. To prevent over-application, it is good practice to measure the area to be sealed and the corresponding volume of product required based on the coverage rate. Also, applying CLEAR SEAL in hot weather or onto a hot surface can cause bubbling. If CLEAR SEAL is showing signs of over-application, scrub the surface with a solvent such as SOLV-KLEEN or xylene using a stiff, natural-bristle brush. Keep the surface wet with the solvent while scrubbing, adding more if necessary. The solvent will turn the sealer back into a liquid form, at which point excess material can be wiped off with a lint-free mop or towel. Do not apply additional sealer. After removing the excess CLEAR SEAL, a roller can be used to redistribute the remaining product evenly across the surface, adding more solvent as necessary to keep the sealer wet.

Maintenance: Clean, as needed, with mild soap/detergent and water. Rinse after cleaning. If the surface begins to dull due to extensive use (typically 3-4 years), an additional coat of CLEAR SEAL will restore the original luster.

CLEAN-UP

Tools and equipment may be cleaned with SOLV-KLEEN, EUCO SOLVENT, or xylene/xylo. Run cleaning solvent through spray equipment to remove residual materials and to prevent clogging of the nozzle for future use.

PRECAUTIONS/LIMITATIONS

- Use with adequate ventilation. Keep away from all sources of ignition. If solvent odor is objectionable, use a water-based, low-odor product.
- Material will not freeze in storage but should be allowed to rise to 50 °F (10 °C) or more before use.
- Do not apply when concrete surfaces or ambient temperatures are below 40 °F (4 °C), or if rain is expected within 12 hours after application. Application in hot, direct sunlight or when concrete or air temperatures are >95 °F (35 °C) can cause bubbling.
- Excessive build-up of CLEAR SEAL or allowing product to puddle during application can lead to bubbling and discoloration.
- Do not thin.
- Do not apply over curing compounds. Complete removal is necessary before applying CLEAR SEAL
- Not resistant to gasoline or other automotive fluids.
- For professional use only.
- In all cases, consult the Safety Data Sheet before use.

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